# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Thursday 28 Sep 2023 until 23:59 on Friday 29 Sep 2023

Forecast Issued on Thursday 28 Sep 2023 at 04:17

**Confidence:** High confidence for some rain and strong winds at times, but with some calmer, drier interludes. Moderate confidence for Thursday's rainfall with the potential for heavy rain and gales.

**Headline for Thursday 28 Sep 2023:** A mainly dry, bright day with strongest winds easing. A risk of persistent rain later.

**Mountain weather hazards on Thursday 28 Sep 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Cloudy | Cloudy | Heavy Rain | Heavy Rain |
| Precipitation probability | | | | | |
| 10% | <05% | <05% | <05% | 20% | 40% |

**Forecast for Thursday 28 Sep 2023**

**Weather:** Gale force winds continuing overnight, though slowly easing. Mainly dry and bright in the daytime, with winds easing a little through the middle of the day, but still remaining fairly strong. Turning cloudier during the late afternoon and evening, with a risk for a more persistent and widespread period of rain to develop in the evening. This could be heavy at times.

**Chance of cloud-free hill tops above 600m:** 90%, but falling to 60% by the evening.

**Low cloud and visibility:** Cloud generally above summits through the morning, but a few small patches of cloud possible on the highest Peaks at first. A chance for more widespread low cloud to develop during the evening with extensive bases 400-500m and patches below this. Visibility generally very good, but becoming moderate or poor if persistent rain develops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Thursday 28 Sep 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 30/37 SW | 25/32 SW | 23/31 SW | 20/27 SW | 19/28 S | 21/29 S | 13/18 S |
| **300** | 21/30 SW | 18/24 SW | 17/23 SW | 15/22 SW | 13/21 S | 14/23 S | 7/13 SE |
| **Valley** | 13/29 SW | 12/23 SW | 12/24 SW | 11/23 S | 8/20 S | 9/21 S | 6/13 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/5 | 10/6 | 11/7 | 11/8 | 11/7 | 10/6 | 11/8 |
| **300** | 12/9 | 13/9 | 13/10 | 14/11 | 13/11 | 12/10 | 13/12 |
| **Valley** | 13/11 | 14/12 | 14/12 | 15/13 | 14/12 | 13/11 | 13/12 |
| **Freezing Level*** | 2300m | 1900m | 1700m | 1900m | 2200m | 2700m | 2900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Winds on summits may exceed those indicated in the tables above, especially early on. Walking conditions are expected to be tricky given strong winds, particularly early in the day. A risk of heavy, persistent rain into the evening would bring poor visibility and disorientating conditions as cloud thickens.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Thu 28 Sep 2023 | N/A | N/A | N/A |

**Forecast for Friday 29 Sep 2023**

**Weather:** Rain clearing overnight with winds easing a little, though probably still mostly cloudy around dawn. Early cloud soon clearing to leave a generally dry, bright and rather windy day. Just a small chance of the odd, blustery afternoon shower developing inland. Fine through the evening.

**Maximum wind:** Westerly 20-25mph, gusting 35mph.

**Chance of cloud-free hill tops above 600m:** 90%.

**Low cloud and visibility:** A few small patches of cloud may cover high western Peaks through the early morning, otherwise fine. Visibility will be good or very good.

**Temperature:** **Valleys:** Plus 11 increasing Plus 17 degrees Celsius.
**At 600m:** Plus 10 degrees Celsius.
**Freezing level:** Above summits.

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